

IN THE CLAIMS:

Please cancel Claims 22-54 without prejudice to or disclaimer of the subject matter recited therein and please amend Claims 1, 5, 7-16, and 18-21 as follows. Note that all the claims currently pending in this application, including those not presently being amended, have been reproduced below for the Examiner's convenience.

1. (Currently Amended) An image forming apparatus comprising:
an opening and closing member being openable and closable;
an exchanging member detachably attachable to a body of said image forming apparatus and including a developer container for containing developer;
developer amount detecting means for detecting an amount of the developer contained said developer container;
a memory for storing information concerning the amount of the developer detected by said detecting means;
control means for causing said detecting means to perform a detection operation for the developer a plurality of times, performing a confirmation process for confirming a result of said detection operation to confirm a detection result, and updating the information stored in said memory after confirming the detection result; and
output means for outputting the information stored in said memory, ~~and concerning the amount of the developer immediately after power from a power source of said apparatus is inputted, immediately after said exchangeable member is loaded, or during a period from a time immediately after said opening and closing member is closed to a time when said detection result~~

Sub
D1
of
control

99

0

is confirmed by the confirmation process, and outputting the updated information after the detection result is confirmed

wherein said output means outputs the information concerning the amount of the developer until the detection result is confirmed by the confirmation process from a timing after power from a power source of said apparatus is inputted, or after said exchangeable member is loaded or after said opening and closing member is closed, and outputs the updated information after the detection result is confirmed.

2. (Previously Amended) An image forming apparatus according to claim 1, further comprising an agitating member for agitating the developer, and wherein said confirmation process is performed using the amount of developer obtained by causing said agitating member to perform a rotation operation a plurality of times, and causing said developer amount detecting means to perform a detection operation at a timing in accordance with said rotation operation of said agitating member.

~~3. (Cancelled)~~

~~4. (Cancelled)~~

3
5. (Currently Amended) An image forming apparatus according to claim 1, further comprising a display, wherein the information outputted from said output means is indicated on said display.

Sub
D1
cont

P1
cont'd

102

C

⁴/₆. (Original) An image forming apparatus according to claim 1, wherein said apparatus can communicate with an electronic apparatus having a display, and said output means outputs the information to the electronic apparatus.

Sub D1 cont
⁵/₇. (Currently Amended) An image forming apparatus according to claim 1, further comprising a video controller for developing image data transmitted from an external apparatus and producing an image signal, wherein said output means is provided in said video controller.

Capit
⁶/₈. (Currently Amended) An image forming apparatus according to claim ⁵/₇, further comprising comparing means for comparing ~~remaining developer amount information~~ the information concerning the amount of developer stored in said memory with ~~remaining developer amount information~~ the information concerning the amount of developer to be detected by said detecting means, wherein said comparing means is provided in said video controller.

⁷/₉. (Currently Amended) An image forming apparatus according to claim 1, wherein the information concerning ~~a remaining developer amount~~ the amount of developer is ~~remaining developer amount information~~.

⁸/₁₀. (Currently Amended) An image forming apparatus according to claim 1, wherein the information concerning ~~developer amount~~ the amount of developer is information indicating that a remaining developer amount is less than a predetermined amount.

9
11. (Currently Amended) An image forming apparatus according to claim 1, wherein the information concerning ~~the developer amount~~ the amount of developer is information indicating that no developer remains.

10
12. (Currently Amended) An image forming apparatus according to claim 1, wherein the information concerning ~~the developer amount~~ the amount of developer is information indicating that a ~~remained~~ remaining developer amount is less than a predetermined amount and information indicating that no developer remains.

11
13. (Currently Amended) An image forming apparatus comprising:
a developer container for containing developer;
developer amount detecting means for detecting an amount of the developer contained in said developer container;
a memory for storing information concerning ~~a remaining developer amount~~ the amount of the developer detected by said detecting means;
control means for updating the ~~remaining developer amount~~ information concerning the amount of the developer stored in said memory in accordance with a detection result ~~of a detection result~~ of a detection operation of said detecting means; and
output means for outputting ~~remaining developer amount~~ the information stored in said memory,
wherein said output means outputs the smaller one of the information ~~indicating the lesser amount of the remaining developer amount information~~ concerning the amount of the developer

Sub
Dist
unit
CP
Control

stored in said memory and the ~~remaining developer amount~~ information concerning the amount of the developer obtained from the detection result of said detecting means, and

wherein said control means does not update the ~~remaining developer amount~~ information concerning the amount of the developer stored in said memory when the amount indicated by the ~~remaining developer amount~~ information concerning the amount of the developer obtained from the detection result of said detecting means is larger than the amount indicated by the ~~remaining developer amount~~ information concerning the amount of the developer stored in said memory.

Sub D1 unit
Q1
Cont'd
¹² 14. (Currently Amended) An image forming apparatus according to claim ¹¹ ~~13~~, wherein said output means outputs the ~~remaining amount~~ information concerning the amount of the developer stored in said memory until a detection result of said detecting means is confirmed.

¹³ 15. (Currently Amended) An image forming apparatus according to claim ¹¹ ~~13~~, wherein said output means outputs the ~~remaining amount~~ information concerning the amount of the developer stored in said memory immediately after power from a power source of said apparatus is inputted thereinto.

¹⁴ 16. (Currently Amended) An image forming apparatus according to claim ¹¹ ~~13~~, wherein at least said developer container is detachably attachable to said apparatus, and said output means outputs the ~~remaining amount~~ information concerning the amount of the developer stored in said memory immediately after said developer container is inserted in said apparatus.

[17. (Cancelled)]

15
18. (Currently Amended) An image forming apparatus according to claim ~~13~~¹¹, further comprising a display wherein the ~~remaining amount~~ information concerning the amount of the developer outputted from said output means is indicated on said display.

Sub
D/
unit
16
19. (Currently Amended) An image forming apparatus according to claim ~~13~~¹¹, wherein said apparatus can communicate with an electronic apparatus having a display, and said output means outputs the ~~remaining amount~~ information concerning the amount of the developer to the electronic apparatus.

ET
17
20. (Currently Amended) An image forming apparatus according to claim ~~13~~¹¹, further comprising a video controller for developing image data transmitted from an external apparatus and producing an image signal, wherein said output means is provided in said video controller.

18
17
21. (Currently Amended) An image forming apparatus according to claim ~~20~~¹⁷, further comprising comparing means for comparing the ~~remaining developer amount~~ information concerning the amount of the developer stored in said memory with the ~~remaining developer amount~~ information concerning the amount of the developer to be detected by said detecting means, wherein said comparing means is provided in said video controller.

22. (Cancelled)

23. (Cancelled)

24. (Cancelled)

25. (Cancelled)

*Sub
07
cont*

- 26. (Cancelled)
- 27. (Cancelled)
- 28. (Cancelled)
- 29. (Cancelled)
- 30. (Cancelled)
- 31. (Cancelled)
- 32. (Cancelled)
- 33. (Cancelled)
- 34. (Cancelled)
- 35. (Cancelled)
- 36. (Cancelled)
- 37. (Cancelled)
- 38. (Cancelled)
- 39. (Cancelled)
- 40. (Cancelled)
- 41. (Cancelled)
- 42. (Cancelled)
- 43. (Cancelled)
- 44. (Cancelled)
- 45. (Cancelled)
- 46. (Cancelled)
- 47. (Cancelled)
- 48. (Cancelled)

e

*Sub
D1
cont*

- 49. (Cancelled)
- 50. (Cancelled)
- 51. (Cancelled)
- 52. (Cancelled)
- 53. (Cancelled)
- 54. (Cancelled)

C